U.S. Department of Labor

Occupational Safety and Health Administration
Washington, D.C. 20210

Reply to the Attention of:

H-122
Indoor Air Pollutants
Exhibit List

DOCUMENT AVAILABLE IN:

U.S. Department of Labor/OSHA
Technical Data Center
Docket Office
200 Constitution Avenue, NW
Room N-2625
Washington, DC 20210
(202) 219-7894
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1. "Occupational Exposure to Indoor Air Pollutants; Request for Information." Request for information. Federal Register, Friday, September 20, 1991, Vol. 56, No. 183, pp. 47892-47897.

2. References cited in Federal Register of September 20, 1991. (See Attachment I)

3. Comments received in response to Federal Register of September 20, 1991. (See Attachment II)

4. "Occupational Exposure to Indoor Air Pollutants; Request for Information." Notice of extension of the comment period. Federal Register, Monday, January 27, 1992, Vol. 57, No. 17, p. 3096.

5. United States Court of Appeals. No. 91-1037. September Term, 1991, Action on Smoking and Health, Petitioner v. Occupational Safety and Health Administration and United States Department of Labor, Respondents.

6. United States Court of Appeals. No. 91-1038. September Term, 1991, Action on Smoking and Health, Petitioner v. Occupational Safety and Health Administration and United States Department of Labor, Respondents.

7. "Indoor Air Quality." Notice of proposed rulemaking; notice of informal public hearing. Federal Register, Tuesday, April 5, 1994, Vol. 59, No. 65, pp. 15968-16039.

8. Reference cited in Federal Register of April 5, 1994. (See Attachment III). NOTE: This exhibit is referenced to in the Federal Register of April 5, 1994 as exhibit 4.

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9. Comments received in response to Federal Register of April 5, 1994. (See Attachment IV)

10. Notice of intent to appear at public hearings. (See Attachment V)

11. OSHA submissions. (See Attachment VI)

12. "Indoor Air Quality; Proposed Rule." Extension of Comment Period and Rescheduling of Public Hearing. Federal Register, Tuesday, June 14, 1994, Vol. 59, No. 113, pp. 30560-30562.

13. Memorandum from Susan Sherman, Project Attorney, SOL, to Thomas Hall, Division of Consumer Affairs, OSHA, dated August 5, 1994, subject: Witnesses for Indoor Air Quality Hearing.

A. Statement of Dr. Henry B.R. Beale, with CV.

B. Statement of Neal L. Benowitz, M.D., with CV.

1. Amended statement of Neal L. Benowitz, M.D.

C. Statement of Daniel E. Ford, M.D., Ph.D., with CV.

D. Statement of Stanton A. Glantz, Ph.D., with CV.

E. Statement of Michael Hodgson, with CV.

F. Statement of Katherine Hammond, Ph.D., C.I.H., with CV.

G. Statement of Margaret (Peggy) L. Jenkins, with CV and two attachments.

H. Statement of Hal Levin, with CV.

I. Statement of Joseph W. Lstiburek, P. Eng., with CV.

J. Statement of Philip R. Morey, Ph.D., CIH, with CV.

K. Statement of Wayne Ott, Ph.D., with CV.

L. Statement of Jonathan M. Samet, M.D., M.S., with CV.

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M. Statement of William A. Turner, PE, with CV.

N. Statement of Lance Wallace, Ph.D., with CV.

1. Amendment to Testimony of Lance Wallace

O. Statement of A. Judson Wells, with CV and five attachments.

P. Statement of James E. Woods, Jr., Ph.D., P.E., with CV and two attachments.

14. Late comments received in response to Federal Registers of April 5, 1994 and June 14, 1994. (See Attachment VII)

15. Comments received through Controlled Correspondence. (See Attachment VIII)

16. Testimony of Stanton A. Glantz, Ph.D., Professor of Medicine, Univeristy of California.

17. Transcript of paper presented at the Seventh World Conference on Tobacco and Health, Perth, Australia, by Dr. Stan Glantz.

18. [Reserved]

19. [Reserved]

20. [Reserved]

21. [Reserved]

22. [Reserved]

23. Testimony of Hal Levin, Hal Levin and Associates.

24. Testimony of Joseph W. Lstiburek.

25. Testimony of Dr. Jonathan M. Samet.

26. Charts used during presentation by Dr. A. Judson Well during his testimony.

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27. Letter from A. George J. Knight, Ph.D., Director, Prenatal, Screening Laboratory. Foundation for Blood Research, to A. Judson Wells, Ph.D, dated October 23, 1990, concerning report entitled "Cigarette Consumption and Serum Cotinine in Relation to Birthweight," Br. J. Obstet. Gynoecol. 94:678-681, 1987.

28. Testimony of James E. Woods, Jr., Ph.D., P.E., with hard copy of 45 slide presentation.

29. Testimony of Neal L. Benowitz, M.D.

30. Copy of flipcharts used during by Ted Grossman during cross-examination of Dr. Benowitz.

31. Three articles referred to by John Rupp during his cross-examination of Dr. Benowitz.

32. Testimony of Wayne Ott, Ph.D., Environmental Engineer, Human Exposure and Field Research Division, Atmospheric Research and Exposure Assessment Laboratory, U.S. Environmental Protection Agency (USEPA), September 1994.

33. Testimony of Peggy Jenkins, Manager, Indoor Air Quality Program, California Air Resources Board.

34. Testimony of William A. Turner, PE, concerning proposed rules on indoor air quality, August 12, 1994.

35. Brochure entitled "Advanced Hands-On Indoor Air Quality/HVAC Diagnostics Training Course for Professionals," The H.L. Turner Group, Inc.

36. Hard copy of slides used during presentation by S. Katherine Hammond, Ph.D.

37. Testimony of the National Institute for Occupational Safety and Health (NIOSH), on the Occupational Safety and Healht Administration, notice of proposed rulemaking; notice of informal public hearing on indoor air quality, September 28, 1994.

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38. Letter from Samuel D. Chilcote, Jr., President, The Tobacco Institute, to Dr. J. Donald Millar, Director, National Institute for Occupational Safety and Health (NIOSH), dated August 1, 1991, regarding strong concerns to NIOSH's current intelligence bulletin 54: "Environmental Tobacco Smoke in the Workplace, Lung Cancer and Other Health Effects."

39. Resume of James L. Pirkle, M.D., Ph.D., Assistant Director of Science, Division of Environmental Health Laboratory Sciences, National Center for Environmental Health (NCEH), Centers for Diseses Control, U.S. Public Health Service.

40. Testimony of James L. Pirkle, M.D., Ph.D.

41. Hard copy of slides used during presentation by Dr. James L. Pirkle.

    A. Slides presented by Dr. Kurt R. Maurer, Deputy Director, Division of Health Examination Statistics, National Center for Health Statistics.

42. Testimony of Mary O'Shea, Flight Attendant, Association of Flight Attendant, AFL-CIO, September 29, 1994, "Airline Cabin Air Quality."

43. Testimony of Alice Evans, Flight Attendant, Association of Flight Attendant, AFL-CIO, September 29, 1994, "Airline Cabin Air Quality."

44. Testimony of Christopher Witkowski, Director of Air Safety and Health, Association of Flight Attendants, AFL-CIO, September 29, 1994, "Airline Cabin Air Quality."

45. Videotape entitled "Cabin Air Quality Makes the News," May 1994, Association of Flight Attendants, AFL-CIO, Length: 37:53 minutes.

46. Article entitled "Aviation Personnel Not Immune to Infectious Diseases Exposure," by Joan Sullivan Garrett, R.N., C.F.R.N., Med Aire, Inc., Cabin Crew Safety, 29(4):1-6, July-August 1994.

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47. Letter from Christopher Witkowski, Director of Air Safety and Health, Association of Flight Attendants, AFL-CIO, to Administrator David R. Hinson, Federal Aviation Administration, dated July 7, 1994, concerning air quality problems at Alaska Airlines.

48. Statement of the American Medical Association (AMA) to the Occupational Safety and Health Administration regarding Indoor Air Quality; Proposed Rule, September 28, 1994.

49. Statement of the American Medical Association presented by Dr. Randolph D. Smoak, Jr., September 29, 1994.

50. Press release issued by the Service Employees International Union, dated Thursday, September 29, 1994, titled "Lungs Removed, Gas Masks Prescribed -- Office Workers Beware: Do You Know What You're Breathing."

    A. Testimony of Bill Borwegen, Director of the Health and Safety Department, Service Employees International Union, AFL-CIO, CLC.

    B. Testimony of Diane Carlson, Michigan Professional Employees Society, Service Employees International Union, AFL-CIO, CLC.

    C. Testimony of Phil Thornton, Maine State Employees Union, SEIU Local 1989.

    D. Testimony of Margaret Jackson, Service Employees Internation Union, Local 82.

51. BOMA International responds to OSHA on the Indoor Air Quality Regulatory Proposal, Docket H-122.

52. Article entitled "OSHA's Indoor Air Plan Comes Out Smoking," Potomac Currents, Volume 4, April 1, 1994, from newsletter by Building Owners and Managers Association International (BOMA).

53. Manual entitled "Building Air Quality Alliance," Participant's Manual, June 1994.

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54. Testimony of Lance Wallace, Ph.D., Environmental Scientist, Human Exposure and Field Research Division, Atmospheric Research and Exposure Research Laboratory, U.S. Environmental Protection Agency, September 1994.

55. No document.

56. Testimony of Paul A. Cammer, Ph.D., on behalf of Business Council on Indoor Air.

57. Testimony of Mark G. Ellis, Esq., Senior Counsel, American Mining Congress, October 11, 1994.

58. Slides presented by Phillip R. Morey of Clayton Environmental Consultants.

59. Memorandum to ORC Groups from Ann Klusman Brockhaus, Organization Resources Counselors, Inc. (ORC), dated April 16, 1993, subject: ORC Smoking Policy Survey: Final Report.

60. Indoor Air Quality Consumer Information from the Carpet and Rug Insitute.

    A. The Carpet and Rug Institute CRI 105 Residential Standard, Carpet Installation Guidelines for Indoor Air Quality.

    B. Total Chemical Release Rate at First 24 Hours for paint, floor adhesive, wall-covering, low VOC adhesive, vinyl flooring and carpet.

    C. Indoor Air Quality Carpet Testing Program.

    D. Indoor Air Quality Maintenance Guidelines.

    E. Indoor Air Quality Installation Guidelines.

61. Public hearing comments of the Dow Chemical Company to the Occupational Safety and Health Administration on Indoor Air Quality, Docket H-122, October 13, 1994, Richard D. Olson, CIH, Project Manager and Susan E. Barrett, Attorney.

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63. Healthy Buildings International Client Listing.

64. Testimony of John O'Hara, President, Maryland Group Against Smoker's Pollution, October 24, 1994.

    A. Documents and letters from member of Maryland Group Against Smoker's Pollution with problems.

    B. Letter to Dr. O'Hara from Steve Cayton dated October 22, 1994 regarding illness.

65. Comments of Neveda Resort Association dated August 12, 1994, in response to OSHA's notice of proposed rulemaking on indoor air quality.

66. Testimony of Dr. Michael Hodgson, OSHA witness.

67. Statement of the American Legion before the Occupational Safety and Health Administration concerning indoor air quality regulatory proposal, Dockets H-122, October 25, 1994.

68. Testimony of Alan Douglas, Treasurer, Bowling Proprietors' Association of America (BPAA) before the Occupational Safety and Health Administration on Proposed Indoor Air Quality Regulations, October 24, 1994.

69. Testimony of Jay R. Schrand.

70. Testimony of the National Licensed Beverage Association.

    A. Testimony of Ron Seng, Executive Board Member, Michigan Licensed Beverage Association.

    B. Testimony of Phil Craig, Executive Director, Ohio Licensed Beverage Association.

    C. Testimony of Penny Laswell, President, Southwest Ohio Licensed Beverage Association.

71. List of individuals from the American Polishing and Plating Corporation opposing the ban on smoking.

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72. Testimony of the Standard Commercial Tobacco Company, Inc., given by A. Winniett Peters, Consultant and Director of Government Affairs.

73. Statement of L. Arnold Hamm, Jr., Information Director of Tobacco Growers Information Committee and Reserach and Technology Manager, Flue-Cured Tobacco Cooperative Stabilization Corporation, submitted for the record in opposition to the proposed smoking ban and indoor air quality regulations by the Occupational Health and Safety Administration.

74. Statement given by Will E. Clark, Manager, Western Dark Fired Tobacco Growers' Association, Inc.

75. Statement of George H. Pittman, Jr., retired Florida Airport Executive Emeritus.

76. Statement of Oliver Parker, tobacco worker.

77. Statement of William J. Althaus, Chairman, National Board of Advisors of the National Smokers Alliance.

78. Statement of Oscar J. Coffey, Jr., President, U.S. African American Chamber of Commerce and a member of the National Board of Advisors of the National Smokers Alliance.

79. Statement of Louise Lindblom, Director of Media and Advocacy, National Urban Coalition and a member of the National Board of Advisors of the National Smokers Alliance.

80. Article from the York, Pennsylvania Dispatch, January 22, 1994, entitled "A match made in heaven?"

A. Executive Order issued by William J. Althaus, Mayor, The City of York, Pennsylvania.

B. Smoke-Free Policy Proposal for City of York Employees and Offices.

C. Photograph of entrance to York County Government Center.

D. Photograph of sign posted at elevators in the York County Government Center.

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E. Photograph of sign prohibiting smoking in building.

F. Photograph of York, Pennsylvania City Hall.

81. Statement of Mark Holan, Oregon Smoker's Rights.

82. Statement highlighted in the comments of the Oregon Smokers' Rights, dated June 27, 1994.

83. Statement of Sara R. Mahler, American Smokers Alliance, October 28, 1994.

84. Submission of Ann Donley, Virginia Group to Alleviate Smoking in Public.

85. Videotape filmed in Richmond, VA, Channel 12 News, Jim Babb, Reporter.

86. Article entitled "'Common Courtesy' and the Elmination of Passive Smoking," by Ronald M. Davis, Gayle M. Boyd and Charlotte A. Schoenborn, in the Journal of the American Medical Association, Vol. 263, No. 16, pages 2208-2210, April 25, 1990.

87. Article entitled "Sponsored Symposia on Environmental Tobacco Smoke," by Lisa A. Bero, Alison Galbraith and Drummond Rennie, in Journal of the American Medical Association, Vol. 271, No. 8, pages 612-617, February 23, 1994.

88. Article entitled "Publication Bias and Public Health Policy on Environmental Tobacco Smoke," by Lisa A. Bero, Stanton A. Glantz and Drummond Rennie, in Journal of the American Medical Association, Vol. 272, No. 2, pages 133-136, July 13, 1994.

89. Article entitled "Links Between Passive Smoking and Disease: A Best-Evidence Synethesis," by Walter O. Spitzer, Valerie Lawrence et al., in Clinical and Investigative Medicine, Vol. 13, No. 1, pages 17-40, 1990.

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90. Report entitled "The U.S. Smoking-Material Fire Problem Through 1991. The Role of Lighted Tobacco Products in Fire." by Alison L. Miller, Fire Analysis and Research Division, National Fire Protection Association, October 1993.

91. List of petitioners from Smokers Unified for Fair Treatment.

92. List of petitioners.

93. Telefax transmission from Deanna M. Hines, Director, Technical Services, American Association of Blood Banks, stating that "Tobacco users are not excluded from donating blood." Submitted by Brigett Peterson.

94. Telefax transmission from Jennifer D. Caliandro, Media Coordinator, National Marrow Donor Program, stating that "Tobacco smokers are not excluded from being marrow donors." Submitted by Brigett Peterson.

95. Testimony of Richard Fitzpatrick, Executive Director, National Coalition for Homeless Veterans dated November 1, 1994.

96. A photo of a product designed by several engineers in Albuquerque, New Mexico, to address the problem of second-hand smoke in the workplace.

    A. A photo of the latest product designed by the engineers in Albuquerque, New Mexico.

    B. A better photo of exhibit 96A.

    C. A photo of a testing unit used to test the various filtration systems.

97. Statement of J. Thomas Burch, Jr., Chairman, National Vietnam Veterans Coalition.

98. Statement of Ergotec Association, Inc., dated November 2, 1994, titled "Health Hazards in the High-Tech Workplace."

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99. English edition of the Swedish National Institute of Occupational Health, of new evidence of cancer from electromagnetic fields.

100. Book titled "X-Rayed Without Consent -- Computer Health Hazards," by Bert Dumpé, Ergotec Corporation, Inc., 1989.

101. Copy of slides presented by Bert Dumpé, Ergotec Corporation, Inc.

102. Articles submitted by Ergotec Corporation, Inc., entitled Reducing the Health Consequences of Smoking, 25 Years of Progress, A Report of the Surgeon General, 1989," Electro Sensitivity; Electro Super-Sensitivity; and Screen Dermatitis. Preliminary Observations from Ongoing Studies in Human Skin," by Olle Johansson and Peng-Yue Liu, 1994, "Laser Printers and Air Contaminants. A Review," by Lars Olander, "The Invisible, Insidious Danger of Magnetism," by Lief Floberg, and a translation from german "Six Million Too Many Hospital Patients," by Dr-Ing. Wolfgang Volkrodt.

103. Department of Defense instruction No. 6,0555.11 dated August 20, 1986 titled "Protection of DoD Personnel from Exposure to Radiofrequency Radiation. Submitted by Bert Dumpé.

104. Pacific Northwest Bell Telephone Company instruction 12, plant instruction 830.15, dated July 1, 1968, titled "Ionizing and Microwave Radiation." Submitted by Bert Dumpé.

105. Safety Meeting Outline. Weekly Meeting for Construction Industry #44, Volume 17. Submitted by Bert Dumpé.

106. Statement of the Association of State and Territorial Health Officials given by Susan Addiss, Commissioner of Health for the State of Connecticut, dated November 3, 1994.

107. Copy of slides presented by Jeffrey Idle, Professor of Pharmacogenetics, University of Newcastle, England.

108. Statement of J.D. Lee, dated November 3, 1994.

109. Overheads used during presentation by Dr. Helen Hubert.

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110. Article entitled "Reduced plasma ascorbic acid concentrations in nonsmokers regularly exposed to environmental tobacco smoke," by D.L. Tribble, L.J.. Giuliano and S.P. Fortmann, from the American Journal Clinical Nutrition, Vol. 58, pages 886-890, 1993.

111. Article from the Los Angeles Times entitled "When the smoking wars heated up, Philip Morris put Victor DeNoble's nicotine experiments on ice," dated July 19, 1994.

112. Article entitled "Chapter 10. Conditions with an Uncertain Relationship to Air Pollution: Sick Building Syndrome, Multiple Chemical Sensitivities, and Chronic Fatigue Syndrome, " in Air Pollution and Lung Disease in Adults, edited by P. Witorsch and S.V. Spagnolo, dated 1994.

113. Cover letter from testimony of Professor Robert Nilsson, Stockholm University, dated October 31, 1994.

A. Testimony of Professor Robert Nilsson, Stockholm University.

B. CV of Professor Robert Nilsson.

114. Hard copy of slides presented by John Robert Ashford.

115. Hard copy of slides presented by Dr. Maurice LeVois.

116. Articles entitled "Some smokers lie," by Marcus M. Reidenberg, in Clinical Pharmacology and Therapeutics, Vol. 56, No. 4, pages 355, October 1994 and "The importance of measuring cotinine levels to identify smokers in clinical trials," by Glen Apseloff, Holly M. Ashton et al. in Clinical Pharmacology and Therapeutics, Vol. 56, pages 460-462, 1994, submitted Dr. Maurice LeVois.

117. Hard copy of slides presented by Professor Raphael J. Witorsch, Virginia Commonwealth University.

118. Hard copy of slides presented by Anthony Springall, Imperial Tobacco Limited of Great Britain.

119. Hard copy of a slide presented by Anthony Springall entitled "Cotinine Misclassification Studies."

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120. Hard copy of slides presented by Dr. Paul Switzer, Stanford University.

121. Article entitled "Chapter 10, Workplace Indoor Air Quality," from Choice In Risk Assessment: The Role of Science Policy in the Environmental Risk Management Process, from the Regulatory Impact Analysis Project, Inc., 1994.

122. Hard copy of slides presented by Dr. Thomas A. Starr, Environ Corporation.

123. Hard copy of slides presented by Maxwell William Layard, Layard Associates.

124. Testimony of H. Deane Ellis, President and Owner, Climate Control Services, Inc.

125. Testimony of Vincent Panvini, Legislative Director, Sheet Metal Workers' International Association (SMWIA).

126. Testimony of Bruce Lantrip, Director of Environmental Services, Comfort Control, Inc.

127. Testimony of Robert Martinez, Manager of Training, National Training Fund, Sheet Metal Industry.

128. Testimony of Alexander Wilman, Director of Engineering and Air Quality Programs, National Energy Management Institute.

129. Brochure entitled "The Building's Too Hot," "It's Too Stuffy," "I Feel Sick," "Sound Familiar?" from the National Energy Management Institute.

130. Testimony of Steve Shapiro, U.S. Environmental Protection Agency.

131. Testimony of Richard A. Bisca, President, MatRic Manufacting and MRB Industries, Inc.

132. Testimony of Franklin E. Mirer, Ph.D., CIH, Director, Health and Safety Department, International Union, United Auto Workers (UAW).

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133. Testimony of Andrea Kidd Taylor, Dr.P.H., Industrial Hygienist, Health and Safety Department, International Union, United Auto Workers (UAW).

134. Testimony of Steve Shepard, Health and Safety Representative, United Auto Workers (UAW) Local 6000, Michigan State Employees.

135. Letter from Anthony J. Andrade, Philip Morris U.S.A. and Patrick R. Tyson, Constangy, Brooks and Smith, to Administrative Law Judge John Vittone, dated November 22, 1994, withdrawing from testifying at the OSHA public hearings on indoor air quality.

136. Testimony of Bill Rossnagel, W.B.R. Engineering, Inc., dated October 26, 1994.

137. Testimony of Charles R. McDuff, Ecolab, Inc., dated November 29, 1994.

138. Hard copy of slides used during presentation by John A. Todhunter, Science Regulatory Services International.

139. Testimony of Ralph Engel, President, Chemical Specialties Manufacturers Association, dated November 29, 1994

140. Report titled "Indoor Environment Characterization of a Non-Problem Building: Assessment of Cleaning Effectiveness," prepared by the Research Triangle Institute. March 1994. Submitted by Ralph Engel, Chemical Specialties Manufacturers Association.

141. Report titled "Nonoccupational Pesticide Exposure Study (NOPES), Final Report," by U.S. Environmental Protection Agency. Submitted by Ralph Engel, Chemical Specialties Manufacturers Association.

142. Booklet titled "The Consumer Products Handbook. A Comprehensive Guide to Today's Household Chemical Products," prepared by the Chemical Specialties Manufacturers Association.

143. Testimony of Whitney Fay Long, Manager, Health Affairs, National Paint and Coatings Association.

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